



**OFFICE OF THE CHIEF PROCUREMENT OFFICER
COUNTY OF COOK**

118 NORTH CLARK ST. ROOM 1018
CHICAGO, ILLINOIS 60602-1375
(312) 603-5370

THIS PURCHASE ORDER NUMBER
MUST APPEAR ON ALL PACKAGES,
INVOICES, SHIPPING PAPERS AND
DROP SHIPMENTS.

PURCHASE ORDERED ISSUED TO
93402

Chicago United Industries, Ltd.
53 W Jackson Blvd Ste 815
Chicago IL 60604

DATE
12/15/2015
F.O.B. POINT

PURCHASE ORDER NO.
193889 - 000- OP
REQUISITION NO.
00121118 07

COOK COUNTY FEIN: 36-6006541
ILLINOIS SALES TAX EXEMPT: E-9998-2013-04
FEDERAL EXCISE TAX EXEMPT CERT: 36-75-D038K

SHIP TO Medical Examiner
Robert J. Stein Institute
2121 W. Harrison RM 143
Chicago IL 60612-3706

DELIVERY INSTRUCTIONS
MEDICAL EXAMINER OFFICE
NADINE JAKUBOWSKI(312)997-4481

DEPT NO
1525909096 Page 1 of 1

| LINE | FURNISH THE FOLLOWING SUPPLIES AND/OR SERVICE | QUANTITY/ UOM | UNIT PRICE | EXTENDED PRICE | ACCOUNT NUMBER |
|-------------------------|--|------------------|---------------|-------------------|------------------------|
| 1.00 | Hamilton Diluters w/Syringes and Filling Tube As per contract No. 1581-15091 Hamilton Microlab 600 Diluters ML 610-DIS | 2.00 EA | 4,229.6000 | 8,459.20 | 1525909096.560431.8300 |
| 2.00 | 1 ML Syringe | 5.00 EA | 100.1100 | 500.55 | 1525909096.560431.8300 |
| 3.00 | 2.5 ML Syringe | 5.00 EA | 110.0100 | 550.05 | 1525909096.560431.8300 |
| 4.00 | 5.0 ML Syringe | 5.00 EA | 110.0100 | 550.05 | 1525909096.560431.8300 |
| 5.00 | 12 Gauge Fill Tubing to be used with Microlab PER THE ATTACHED SPECIFICATIONS | 5.00 EA | 29.1900 | 145.95 | 1525909096.560431.8300 |
| ***** Total Order ***** | | | | 10,205.80 | |

NOTE: VENDOR AGREES NOT TO EXCEED THE QUANTITY OR DOLLAR AMOUNT OF THIS ORDER WITHOUT WRITTEN AUTHORIZATION FROM THE CHIEF PROCUREMENT OFFICER

RECEIPT CERTIFICATION (FOR DEPARTMENT USE ONLY)

I hereby certify that I have received the goods/services reflected above and that the items referenced are in full conformity with the purchase order/contract.

Authorized Signature: _____

Date: _____

I hereby certify that this purchase is in agreement with the requisition on file authorizing the expenditure and is properly approved.

CHIEF PROCUREMENT OFFICER

Date: _____

[Signature] 22 January 2016

HAMILTON MICROLAB 600 – PIPETTE DILUTER/DISPENSER W/ACCESSORIES

Hamilton Microlab 600 Diluter/Dispenser is a highly precise syringe pump with a graphical user interface designed to quickly and easily dilute and dispense volumes from 10 μ L to 50mL. This positive displacement system provides better than 99% accuracy, independent of a liquid's viscosity, vapor pressure, and temperature. The inert fluid path minimizes sample carry over and is compatible with harsh chemicals.

- Dual syringe system
- High torque, precision stepper motors deliver positional accuracy
- Supports syringes from 10 μ L to 50mL
- Ethernet port for communication with controller or corporate network

Syringe Pump Features

- High torque valve motors
- Precision syringe drives with 48,000 step resolution over 60 minutes
- Lighted power and prime buttons
- Independent left and right trigger ports
- Fanless heat vent
- 24V power input
- CAN Daisy Chain input/out
- RS-232 console port
- Power over Ethernet (PoE)
- TTL Input/Output

Dual Syringe Diluter

- Creates up to a 1:50,000 dilution in single step
- Reduces preparation time and wasted buffer
- Washes tubing between each sample

Dispenser: Sample spiking, Titration, Animal dosing (oral gavage), Reagent addition to chemical reactors, Flow chemistry, Manufacturing e.g. Mercury dispensing for light bulbs, Ink cartridge filling, Glue and epoxy dispensing, Nasal therapeutics (viscous), Contact lenses

Diluter: Forensics blood alcohol analysis and urinalysis, minig assay labs metals detection, environmental analysis water and soils testing, oil analysis preventative maintenance, alcohol testing beer and wine manufacturing

Specifications – 1 ML Syringe ML 600

| | |
|--------------------------|--------------------------|
| Model | 1001 BFP |
| Volume (Metric) | 1mL |
| For Use With (Equipment) | Microlab™ 600 dispensers |

Specifications – 2.5 ML Syringe ML 600

| | |
|--------------------------|--------------------------|
| Model | 1002 BFP |
| Volume (Metric) | 2.5mL |
| For Use With (Equipment) | Microlab™ 600 dispensers |

Specifications – 5.0 ML Syringe ML 600

| | |
|--------------------------|--------------------------|
| Model | 1005 BFP |
| Volume (Metric) | 5mL |
| For Use With (Equipment) | Microlab™ 600 dispensers |

Hamilton Microlab Accessories - PTFE Tubing Assemblies

For use with Hamilton Microlab 600 Diluters/Dispenser or Microlab 300 Pipetting System

Tubing assembly; Hamilton; For use with MICROLAB 600; PTFE; Gauge: 12; Type: Fill Tubing; Length: Custom; Volume: 3.75 & mu; L/mm